

ABSTRACT OF THE DISCLOSURE

5 An encoding apparatus includes a band gain encoding  
section for calculating an average amplitude of a frequency  
spectrum stream corresponding to each of a plurality of  
frequency bands so as to generate a first code representing  
the average amplitude of the frequency spectrum stream; an  
encoding band determination section for determining at  
10 least one frequency band, for which the corresponding  
frequency spectrum stream is to be quantized and encoded  
from among the plurality of frequency bands; a spectrum  
encoding section for quantizing and encoding the frequency  
spectrum stream of each of the at least one frequency band  
15 as to generate a second code; and an encoded stream  
generation section for generating an encoded stream based  
on the first code and the second code.

10061977-013102